

Triple MIDI Controller, firmware for HX Stomp v.4.00

Power: DC 9V (center negative)



kgmidicontrollers.com

| Modes cycle: | | | |
|-------------------|---------------|-------------------|---------|
| PRESET MODE | SNAPSHOT MODE | FS MODE | CC MODE |
| Modes navigation: | | | |
| AB hold | | BC hold | |
| Mode scroll left | | Mode scroll right | |

| Global functions: | | | |
|-------------------|----------------|------------|---|
| B hold | C hold | A+C hold | A+C |
| LOOPER MODE | Tuner | Setup mode | TAP&blink toggle* (in Preset, Snapshot and FS mode) |
| B hold on boot | * set per mode | | |
| Factory reset | | | |

| MODE | A | B | C | AB | BC |
|---------------|-----------------|-----------------|-----------------|--------------------|------------------|
| PRESET MODE | 1 / TAP* | 2 / TAP* | 3 / TAP* | Bank down** | Bank up** |
| | A | B | C | AB | BC |
| SNAPSHOT MODE | Snapshot 1 TAP* | Snapshot 2 TAP* | Snapshot 3 TAP* | Preset down | Preset up |
| | A | B | C | AB | BC |
| FS MODE | FS4 | FS5 | TAP | Preset down | Preset up |
| | A | B | C | | |
| LOOPER MODE | REC / OVDB | UNDO | PLAY / STOP | | |
| | A | B | C | AB | BC |
| CC MODE | CC #4 toggle | CC #5 toggle | CC #6 toggle | Preset down (FS4)* | Preset up (FS5)* |

*if enabled by A+C in each mode

** you can cancel bank change by long press of any button

Setup Mode - hold A+C to enter/exit

In Setup Mode RGB LED is blinking, ring brightness shows state (dim = off, bright = on)

| MODE | A | B | C | AB | BC | AC hold |
|-------------|-----------------|-----------------------|-----------------|--------|--------|------------|
| page 1 | THRU ON/OFF | Exit tuner any button | - | - | page 2 | exit setup |
| | A | B | C | AB | BC | AC hold |
| page 2 MIDI | MIDI Channel -1 | - | MIDI Channel +1 | page 1 | - | exit setup |

THRU - forward incoming MIDI messages on MIDI IN port to MIDI OUT port

Exit tuner any button - if you enter tuner with controller you can exit it by pressing any button of controller

MIDI Channel is displayed with LED Rings and RGB LED color

RGB LED yellow color - channels 1-8

RGB LED azure color - channels 9-16

| MIDI Channel: (RGB color:) | LED ring A | LED ring B | LED ring C |
|-------------------------------|------------|------------|------------|
| 1 | OFF | OFF | ON |
| 2 | OFF | ON | OFF |
| 3 | OFF | ON | ON |
| 4 | ON | OFF | OFF |
| 5 | ON | OFF | ON |
| 6 | ON | ON | OFF |
| 7 | ON | ON | ON |
| 8 | OFF | OFF | OFF |
| 9 | OFF | OFF | ON |
| 10 | OFF | ON | OFF |
| 11 | OFF | ON | ON |
| 12 | ON | OFF | OFF |
| 13 | ON | OFF | ON |
| 14 | ON | ON | OFF |
| 15 | ON | ON | ON |
| 16 | OFF | OFF | OFF |

Triple I/O firmware v. 4.00 configuration via terminal

kgmidicontrollers.com/terminal

Terminal commands:

| Command: | Argument: | Description |
|-------------------|-----------|---------------------------------------|
| help | | List of Commands |
| showvalues | | Displays currently set values |
| longpresstimeout | 10-2550 | Long press time (milliseconds) |
| midichannel | 1-16 | MIDI Channel |
| thru | 0/1 | Turn THRU on/off (1-on) |
| presettapenabled | 0/1 | Enable TAP and blink in Preset Mode |
| snaphottapenabled | 0/1 | Enable TAP and blink in Snapshot Mode |
| factoryreset | | Factory reset |

LED rings control via MIDI received messages

LED rings state (brightness) can be controller in FS and CC mode. By default in FS mode lights are dimmed until CC20 or CC21 MIDI message is received.

If program change MIDI message and there is no CC21/CC22 MIDI message received lights state is reset (to dim state).

In *Preset Mode* PC (program change) MIDI message selects LED ring to show currently selected preset (check PC TX in HX Stomp Global settings)

MIDI Channel 16

| CC num: | Value | Description |
|---------|-------------|-----------------------------------|
| 4 | 0-63/64-127 | CC Mode: LED Ring button A off/on |
| 5 | 0-63/64-127 | CC Mode: LED Ring button B off/on |
| 6 | 0-63/64-127 | CC Mode: LED Ring button C off/on |
| 20 | 0-63/64-127 | FS4 light on/off |
| 21 | 0-63/64-127 | FS5 light on/off |